

CLAIMS

I claim:

1. A receptacle system for powering an electronic device, the system comprising:

a receptacle having an interior compartment;
interfacing means for interfacing with the electronic device;
processing means on the receptacle for processing signals from the electronic device received through the interfacing means;
and

powering means mounted on the receptacle for powering the electronic device.

2. The system of claim 1 wherein the powering means comprises a rechargeable battery mounted on the receptacle.

3. The system of claim 1 wherein the powering means comprises a battery charger mounted on the receptacle for connecting to the electronic device through the interfacing means for charging a battery of the electronic device.

4. The system of claim 1 wherein the interfacing means comprises a power charging plug removably connectable to the electronic device.

5. The system of claim 1 additionally comprising illuminating means for illuminating the interior compartment of the receptacle.

6. The system of claim 1 additionally comprising alarm means for producing an alarm upon triggering of the alarm means.

7. The system of claim 6 wherein the alarm means comprises an audible alarm apparatus that emits an audible sound upon triggering of the alarm apparatus.

8. The system of claim 6 wherein the alarm means comprises a silent alarm apparatus that does not emit an audible sound when triggered.

9. The system of claim 6 wherein the alarm means comprises means for transmitting environmental sounds detected about the receptacle over a telecommunication device when the alarm means is triggered.

10. The system of claim 1 additionally comprising a microphone mounted on the receptacle for detecting sound about the receptacle.

11. The system of claim 1 additionally comprising a display screen mounted on the receptacle.

12. The system of claim 11 wherein the display screen is located on an exterior of the receptacle, the display screen being operably connected to the processing means, the display screen being operably connectable to the electronic device through the interfacing means.

13. The system of claim 1 additionally comprising an antenna mounted on the receptacle, the antenna being operably couplable to the electronic device through the interfacing means.

14. The system of claim 1 additionally comprising a global positioning satellite (GPS) receiving system mounted on the receptacle and being operably connected to the processing means.

15. The system of claim 1 additionally comprising telecommunication means mounted on the receptacle and being operably connected to the processing means.

16. The system of claim 1 additionally comprising a vibrator mounted on the receptacle, the vibrator being operably connectable to the electronic device through the interfacing means such that the vibrator vibrates when a call is being received by the electronic device.

17. The system of claim 16 wherein the receptacle includes a carrying strap, the vibrator being located adjacent to the carrying strap.

18. The system of claim 2 additionally comprising a charging base for inductively charging the rechargeable battery of the powering means when the receptacle is positioned adjacent to the charging base.

19. The system of claim 1 wherein the powering means comprises a rechargeable battery mounted on the receptacle;
wherein the powering means comprises a battery charger mounted on the receptacle for connecting to the electronic device through the interfacing means for charging a battery of the electronic device;

wherein the interfacing means comprises a power charging plug removably connectable to the electronic device;

illuminating means for illuminating the interior compartment of the receptacle;

alarm means for producing an alarm upon triggering of the alarm means, the alarm means comprising an audible alarm

apparatus that emits an audible sound upon triggering of the alarm apparatus, the alarm means further comprising a silent alarm apparatus that does not emit an audible sound when triggered, the alarm means comprising means for transmitting environmental sounds detected about the receptacle over a telecommunication device when the alarm means is triggered;

a microphone being mounted on the receptacle for detecting sound about the receptacle;

a display screen being mounted on the receptacle, the display screen being located on an exterior of the receptacle, the display screen being operably connected to the processing means, the display screen being operably connectable to the electronic device through the interfacing means;

an antenna being mounted on the receptacle, the antenna being operably couplable to the electronic device through the interfacing means;

a global positioning satellite (GPS) receiving system being mounted on the receptacle and being operably connected to the processing means;

telecommunication means mounted on the receptacle and being operably connected to the processing means;

a vibrator being mounted on the receptacle, the vibrator being operably connectable to the electronic device through the interfacing means such that the vibrator vibrates when a call is being received by the electronic device;

wherein the receptacle includes a carrying strap, the vibrator being located adjacent to the carrying strap; and

a charging base for inductively charging the rechargeable battery of the powering means when the receptacle is positioned adjacent to the charging base.